# Author Index to Volume 40


**Allen, B.**
Recall Cues in Known-Item Retrieval, 246

**Baker, S. L.**
Review of Marketing/Planning Library and Information Services, 442
**Ball, M. J.**
—; Douglas, J. V.; Zimmerman, J. L.; Lunin, L. F.: Informatics Education and the Professions, 368
**Begeman, M. L.** See Conklin, J., 200
**Bicknell, E.** See Rada, R., 304
**Blue, R. I.**
Review of Scientific and Technical Libraries, 135
**Bonzi, S.**
Review of Semantic Interpretation and the Resolution of Ambiguity, 438
**Borgman, C. L.**
—; Case, D. O.; Meadow, C. T.: The Design and Evaluation of a Front-End User Interface for Energy Researchers, 99
—; See Meadow, C. T., 86
**Boyce, B. R.**
Review of Online Bibliographic Databases: A Directory and Sourcebook, 134
—; Review of Online Retrieval Analysis and Strategy, 442
—; McLain, J. P.: Entry Point Depth and Online Search Using a Controlled Vocabulary, 272
**Braunstein, Y. M.**
Economics of Intellectual Property Rights in the International Arena, 12
**Brethauer, D.** See Shneiderman, B., 172
**Buckland, M. K.**
Information Handling, Organizational Structure, and Power, 329

**Calabrese, A. M.**
Review of Information Technology: A Luddite Analysis, 141
—; Review of Misunderstanding Media, 139
**Cano, V.**
Citation Behavior: Classification, Utility, and Location, 284
**Case, D. O.** See Borgman, C. L., 99
—; See Meadow, C. T., 86
**Cerny, B. A.** See Meadow, C. T., 86
**Chen, Y.-S.**
—; Leimkuhler, F. F.: A Type-Token Identity in the Simon-Yule Model of Text, 45
**Conklin, J.**
—; Begeman, M. L.: gIBIS: A Tool for All Reasons, 200
**Cook, K. L.**
Laws of Scattering Applied to Popular Music, 277
**Cosic, C. L.** See Metzler, D. P., 398

**DeYoe, M. F.** See Kazlauskas, E. J., 262
**Douglas, J. V.** See Ball, M. J., 368

**Eastman, C. M.**
Research Productivity and Breadth of Interest Revisited, 359

**Fagan, J. L.**
The Effectiveness of a Nonsyntactic Approach to Automatic Phrase Indexing for Document Retrieval, 115
**Farrell, M. P.** See Todeschini, C., 1

**Gordon, M.**
—; Blair, D.; Lindsay, R: Manfred Kochen 1928–1989: Remembrances of a Scholar and a Gentle Man, 223
—; Kochen, M.: Recall-Precision Trade-Off: A Derivation, 145

**Haas, S. W.** See Metzler, D. P., 398
**Haughawout, M.** See Sievert, M., 334
**Hiltz, S. R.**
—; Johnson, K.: Measuring Acceptance of Computer-Mediated Communication Systems, 386
**Hirtle, P. B.**
Historical Note: Atherton Seidell and the Photoduplication of Library Material, 424
**Hjerppe, R.**
—; Olander, B.: Cataloging and Expert Systems: AACR2 as a Knowledge Base, 27
**Hocker, S. E.**
Review of Online Database Search Services Directory: A Reference and Referral Guide to More Than 1,700 Libraries, Information Firms, and Other Sources Providing Computerized Information Retrieval and Associated Services Using Publicly Available Online Databases, 436
**Howden, N.**
Review of Computer Industry Almanac, 440
—; Review of Selecting and Installing Software Packages, 440
—; Review of The Politics of an Emerging Profession: The American Library Association 1876–1917, 439

**Irish, P. M.**
—; Trigg, R. H.: Supporting Collaboration in Hypermedia: Issues and Experiences, 192
**Itsumura, H.** See Ogawa, H., 350

**Järvelin K.**
An Approach to Query Cost Modelling in Numeric Databases, 236
**Johnson, K.** See Hiltz, S. R., 386
**Jones, R. M.**
Online Catalogue Research In Europe, 153
**Jordan, J. S.**
Letter to the Editor, 362

**Kahn, P.** See Nyce, J. M., 214
**Kaneko, M.** See Ogawa, H., 350
**Kazlauskas, E. J.**
—; DeYoe, M. F.; Smith, K. R.: A Descriptive Analysis of the Characteristics of the Microcomputer Periodical Literature, 262
**Klopfenstein, B. C.**
Forecasting Consumer Adoption of Information Technology and Services—Lessons from Home Video Forecasting, 17
**Kochen, M.** See Gordon, M., 145
**Krikelas, J.**
Review of Information Seeking: Basing Services on Users' Behaviors, 438

**Lancaster, F. W.**
—; Review of The Electronic Era of Publishing: An Overview of Concepts, Technologies and Methods, 438
—; Jordan, J. S.: Letter to the Editor, 362
**Leimkuhler, F. F.** See Chen, Y.-S., 45
**Lesk, M.**
Review of Text Processing and Document Manipulation: Proceedings of the International Conference, Nottingham, April 1986, 137
**Lunin, L. F.**
Perspectives on Information Science and Health Informatics Education, 365
—; Rada, R.: Perspectives on Hypertext, 159
—; See Ball, M. J., 368

**MacRoberts, B. R.** See MacRoberts, M. H., 342
**MacRoberts, M. H.**
—; MacRoberts, B. R.: Problems of Citation Analysis: A Critical Review, 342

**Marchionini, G.**
Information-Seeking Strategies of Novices Using a Full-Text Electronic Encyclopedia, 54
**Markey Drabanstott, K.**
Review of Patron Access: Issues for Online Catalogs, 441
**McCain, K. W.**
Descriptor and Citation Retrieval in the Medical Behavioral Sciences Literature: Retrieval Overlaps and Novelty Distribution, 110
**McLain, J. P.** See Boyce, B. R., 272
**Meadow, C. T.**
—; Cerny, B. A.; Borgman, C. L.; Case, D. O.: Online Access to Knowledge: System Design, 86
—; See Borgman, C. L., 99
**Metzler, D. P.**
—; Haas, S. W.; Cosic, C. L.; Wheeler, L. H.: Constituent Object Parsing for Information Retrieval and Similar Text Processing Problems, 398
**Midorikawa, N.** See Ogawa, H., 350
**Milstead, J. L.**
Letter to the Editor, 143

**Nicholls, P. T.**
Bibliometric Modeling Processes and the Empirical Validity of Lotka's Law, 379
**Niki, E.** See Ogawa, H., 350
**Nyce, J. M.**
—; Kahn, P.: Innovation, Pragmaticism, and Technological Continuity: Vannevar Bush's Memex, 214

**Ogawa, H.**
—; Midorikawa, N.; Yoshikawa, C.; Saito K.-I.; Itsumura, H.; Kaneko, M.; Niki, E.: How Much of Cited Conference Materials Can be Found Using Bibliographic Tools?, 350
**Olander, B.** See Hjerppe, R., 27
**Olsgaard, J. N.**
Review of Education for Professional Librarians, 134

**Pao, M. L.**
—; Worthen, D. B.: Retrieval Effectiveness by Semantic and Citation Searching, 226
**Plaisant, C.** See Shneiderman, B., 172
**Potter, R.** See Shneiderman, B., 172
**Pouris, A.**
Evaluating Academic Science Institutions in South Africa, 269

**Rada, R.**
Ranking Documents with a Thesaurus, 304
—; Writing and Reading Hypertext: An Overview, 164
—; See Lunin, L. F., 159
**Repo, A. J.**
The Value of Information: Approaches in Economics, Accounting, and Management Science, 68
**Richardson, Jr., J.**
Review of Federal Information Policies in the 1980's: Conflicts and Issues, 140
**Roundtree, L.**
Review of MARC for Archives and Manuscripts: The AMC Format and MARC for Archives and Manuscripts: A Compendium of Practice, 139
**Royce, B.**
Review of Database Design for Information Retrieval, 361

**Saito, K.-I.** See Ogawa, H., 350
**Scacchi, W.**
On the Power of Domain-Specific Hypertext Environments, 183

# Author Index to Volume 40


**Allen, B.**
Recall Cues in Known-Item Retrieval, 246

**Baker, S. L.**
Review of Marketing/Planning Library and Information Services, 442
**Ball, M. J.**
—; Douglas, J. V.; Zimmerman, J. L.; Lunin, L. F.: Informatics Education and the Professions, 368
**Begeman, M. L.** See Conklin, J., 200
**Bicknell, E.** See Rada, R., 304
**Blue, R. I.**
Review of Scientific and Technical Libraries, 135
**Bonzi, S.**
Review of Semantic Interpretation and the Resolution of Ambiguity, 438
**Borgman, C. L.**
—; Case, D. O.; Meadow, C. T.: The Design and Evaluation of a Front-End User Interface for Energy Researchers, 99
—; See Meadow, C. T., 86
**Boyce, B. R.**
Review of Online Bibliographic Databases: A Directory and Sourcebook, 134
—; Review of Online Retrieval Analysis and Strategy, 442
—; McLain, J. P.: Entry Point Depth and Online Search Using a Controlled Vocabulary, 272
**Braunstein, Y. M.**
Economics of Intellectual Property Rights in the International Arena, 12
**Brethauer, D.** See Shneiderman, B., 172
**Buckland, M. K.**
Information Handling, Organizational Structure, and Power, 329

**Calabrese, A. M.**
Review of Information Technology: A Luddite Analysis, 141
—; Review of Misunderstanding Media, 139
**Cano, V.**
Citation Behavior: Classification, Utility, and Location, 284
**Case, D. O.** See Borgman, C. L., 99
—; See Meadow, C. T., 86
**Cerny, B. A.** See Meadow, C. T., 86
**Chen, Y.-S.**
—; Leimkuhler, F. F.: A Type-Token Identity in the Simon-Yule Model of Text, 45
**Conklin, J.**
—; Begeman, M. L.: gIBIS: A Tool for All Reasons, 200
**Cook, K. L.**
Laws of Scattering Applied to Popular Music, 277
**Cosic, C. L.** See Metzler, D. P., 398

**DeYoe, M. F.** See Kazlauskas, E. J., 262
**Douglas, J. V.** See Ball, M. J., 368

**Eastman, C. M.**
Research Productivity and Breadth of Interest Revisited, 359

**Fagan, J. L.**
The Effectiveness of a Nonsyntactic Approach to Automatic Phrase Indexing for Document Retrieval, 115
**Farrell, M. P.** See Todeschini, C., 1

**Gordon, M.**
—; Blair, D.; Lindsay, R: Manfred Kochen 1928–1989: Remembrances of a Scholar and a Gentle Man, 223
—; Kochen, M.: Recall-Precision Trade-Off: A Derivation, 145

**Haas, S. W.** See Metzler, D. P., 398
**Haughawout, M.** See Sievert, M., 334
**Hiltz, S. R.**
—; Johnson, K.: Measuring Acceptance of Computer-Mediated Communication Systems, 386
**Hirtle, P. B.**
Historical Note: Atherton Seidell and the Photoduplication of Library Material, 424
**Hjerppe, R.**
—; Olander, B.: Cataloging and Expert Systems: AACR2 as a Knowledge Base, 27
**Hocker, S. E.**
Review of Online Database Search Services Directory: A Reference and Referral Guide to More Than 1,700 Libraries, Information Firms, and Other Sources Providing Computerized Information Retrieval and Associated Services Using Publicly Available Online Databases, 436
**Howden, N.**
Review of Computer Industry Almanac, 440
—; Review of Selecting and Installing Software Packages, 440
—; Review of The Politics of an Emerging Profession: The American Library Association 1876–1917, 439

**Irish, P. M.**
—; Trigg, R. H.: Supporting Collaboration in Hypermedia: Issues and Experiences, 192
**Itsumura, H.** See Ogawa, H., 350

**Järvelin K.**
An Approach to Query Cost Modelling in Numeric Databases, 236
**Johnson, K.** See Hiltz, S. R., 386
**Jones, R. M.**
Online Catalogue Research In Europe, 153
**Jordan, J. S.**
Letter to the Editor, 362

**Kahn, P.** See Nyce, J. M., 214
**Kaneko, M.** See Ogawa, H., 350
**Kazlauskas, E. J.**
—; DeYoe, M. F.; Smith, K. R.: A Descriptive Analysis of the Characteristics of the Microcomputer Periodical Literature, 262
**Klopfenstein, B. C.**
Forecasting Consumer Adoption of Information Technology and Services—Lessons from Home Video Forecasting, 17
**Kochen, M.** See Gordon, M., 145
**Krikelas, J.**
Review of Information Seeking: Basing Services on Users' Behaviors, 438

**Lancaster, F. W.**
—; Review of The Electronic Era of Publishing: An Overview of Concepts, Technologies and Methods, 438
—; Jordan, J. S.: Letter to the Editor, 362
**Leimkuhler, F. F.** See Chen, Y.-S., 45
**Lesk, M.**
Review of Text Processing and Document Manipulation: Proceedings of the International Conference, Nottingham, April 1986, 137
**Lunin, L. F.**
Perspectives on Information Science and Health Informatics Education, 365
—; Rada, R.: Perspectives on Hypertext, 159
—; See Ball, M. J., 368

**MacRoberts, B. R.** See MacRoberts, M. H., 342
**MacRoberts, M. H.**
—; MacRoberts, B. R.: Problems of Citation Analysis: A Critical Review, 342

**Marchionini, G.**
Information-Seeking Strategies of Novices Using a Full-Text Electronic Encyclopedia, 54
**Markey Drabanstott, K.**
Review of Patron Access: Issues for Online Catalogs, 441
**McCain, K. W.**
Descriptor and Citation Retrieval in the Medical Behavioral Sciences Literature: Retrieval Overlaps and Novelty Distribution, 110
**McLain, J. P.** See Boyce, B. R., 272
**Meadow, C. T.**
—; Cerny, B. A.; Borgman, C. L.; Case, D. O.: Online Access to Knowledge: System Design, 86
—; See Borgman, C. L., 99
**Metzler, D. P.**
—; Haas, S. W.; Cosic, C. L.; Wheeler, L. H.: Constituent Object Parsing for Information Retrieval and Similar Text Processing Problems, 398
**Midorikawa, N.** See Ogawa, H., 350
**Milstead, J. L.**
Letter to the Editor, 143

**Nicholls, P. T.**
Bibliometric Modeling Processes and the Empirical Validity of Lotka's Law, 379
**Niki, E.** See Ogawa, H., 350
**Nyce, J. M.**
—; Kahn, P.: Innovation, Pragmaticism, and Technological Continuity: Vannevar Bush's Memex, 214

**Ogawa, H.**
—; Midorikawa, N.; Yoshikawa, C.; Saito K.-I.; Itsumura, H.; Kaneko, M.; Niki, E.: How Much of Cited Conference Materials Can be Found Using Bibliographic Tools?, 350
**Olander, B.** See Hjerppe, R., 27
**Olsgaard, J. N.**
Review of Education for Professional Librarians, 134

**Pao, M. L.**
—; Worthen, D. B.: Retrieval Effectiveness by Semantic and Citation Searching, 226
**Plaisant, C.** See Shneiderman, B., 172
**Potter, R.** See Shneiderman, B., 172
**Pouris, A.**
Evaluating Academic Science Institutions in South Africa, 269

**Rada, R.**
Ranking Documents with a Thesaurus, 304
—; Writing and Reading Hypertext: An Overview, 164
—; See Lunin, L. F., 159
**Repo, A. J.**
The Value of Information: Approaches in Economics, Accounting, and Management Science, 68
**Richardson, Jr., J.**
Review of Federal Information Policies in the 1980's: Conflicts and Issues, 140
**Roundtree, L.**
Review of MARC for Archives and Manuscripts: The AMC Format and MARC for Archives and Manuscripts: A Compendium of Practice, 139
**Royce, B.**
Review of Database Design for Information Retrieval, 361

**Saito, K.-I.** See Ogawa, H., 350
**Scacchi, W.**
On the Power of Domain-Specific Hypertext Environments, 183

# AUTHOR INDEX


**Schubert, A.**
—; Telcs, A.: Estimation of the Publication Potential in 50 U.S. States and in the District of Columbia Based on the Frequency Distribution of Scientific Productivity, 291
**Shneiderman, B.**
—; Brethauer, D.; Plaisant, C.; Potter, R.: Evaluating Three Museum Installations of a Hypertext System, 172
**Sievert, M.**
—; Haughawout, M.: An Editor's Influence on Citation Patterns: A Case Study of *Elementary School Journal*, 334
**Sievert, M. E. C.**
Review of Online Search Analyst, Version 1.0, 132
—; Review of Search Strategies in Mass Communication, 132
**Smith, K. R.** See Kazlauskas, E. J., 262
**Summers, E. G.** See Summers, J. E., 253
**Summers, J. E.**
—; Summers, E. G.: The Computerized Cataloguing of Historic Watercraft: A Case Study in Information Retrieval In Museology, 253
**Swanson, D. R.**
A Second Example of Mutually Isolated Medical Literatures Related by Implicit, Unnoticed Connections, 432
—; Letter to the Editor, 143
—; Online Search for Logically-Related Noninteractive Medical Literatures: A Systematic Trial-and-Error Strategy, 356

**Telcs, A.** See Schubert, A., 291
**Tiamiyu, M. A.**
Sub-Saharan Africa and the Paperless Society: A Comment and a Counterpoint, 325
**Todeschini, C.**
—; Farrell, M. P.: An Expert System for Quality Control in Bibliographic Databases, 1
**Torok, A. G.**
Review of Human Aspects of Library Automation: Helping Staff and Patrons Cope, 135
**Trigg, R. H.** See Irish, P. M., 192

**Watters, C. R.**
Logic Framework for Information Retrieval, 311
**Westbrook, J. H.**
Review of Data Bases and Data Models, 436
**Wheeler, L. H.** See Metzler, D. P., 398
**Whitbeck, G.**
Review of Internationalizing Library and Information Science Education: A Handbook of Policies and Procedure in Administration and Curriculum, 441
**White, H. S.**
Review of Education of Library and Information Professionals, 437
**Worthen, D. B.** See Pao, M. L., 226

**Yoshikawa, C.** See Ogawa, H., 350

**Zimmerman, J. L.** See Ball, M. J., 368

# Subject Index to Volume 40


AACR2, 27
Accounting, 68
Africa, information services in, 325

BASIS online, 86
Bibliographic databases, 1
Bibliographic tools, 350
Bibliometric modeling, 379
Bush, Vannevar, 214

Cataloging, library, 27
Catalogue research, in Europe, 153
Cataloguing, of a museum collection, 253
CD-ROM, 54
Citation analysis, 342
Citation behavior, 284
Citation patterns, 334
Citation searching, 226
Computer-Mediated Communication Systems (CMCS), 386
Computer science authors, 359
Conference materials, 350
Constituent Object Parser, 398
Consumer, use of new information technologies, 17

Databases, bibliographic, 1
—, numeric, 236
Department of Energy (DOE), 86, 99
Document retrieval, 115
Document retrieval systems, 145
DOE/RECON, 86

Economics, 68
Electronic encyclopedia, 54
*Elementary School Journal*, 334
Encyclopedia, electronic, 54
Energy researchers, 86, 99
European library research, 153

Front-end user interface, 99

Hypermedia, supporting collaboration in, 192
Hypertext, 192
Hypertext environment, domain-specific, 183
—, applications, 183
—, power of, 183
Hypertext system, use by museums, 172
Hypertext systems, 200
Hypertext, writing and reading, 164

Indexing, 272
Indexing systems, 115
Informatics education, 368
Information handling, 329
Information retrieval, 311, 398
Information services, in Africa, 325
Information, technology and services, 17
Intellectual property, rights in, 12
Issue based information systems, graphical, 200

Kochen, Manfred, 223

Library cataloging, 27
Logic framework, for information retrieval, 311
Lotka's law, 379

Management science, 68
Medical behavioral sciences, 110
Medical informatics, 368
Medical literature, isolation of, 432
Medical literatures, 356
Memex, Vannevar Bush's, 214
Microcomputer, periodical literature of, 262
Moravcsik and Murugesan, 284
Museology, 253
Museum computer systems, 253
Music, laws of scattering in, 277

Numeric databases, 236

Online Access to Knowledge (OAK), 86
Online catalogue research, 153
Online search strategy, 356

Photoduplication, of library material, 424
Property rights, intellectual, 12
Publication potential, 291

Query cost modelling, 236

Recall cues, in know-item retrieval, 246
Research, in European libraries, 153
Research productivity, 359
Retrieval systems, 272
Retrieval, descriptor and citation, 110
—, document, 115
—, effectiveness of, 226
—, know-item, 246

Scattering, laws of applied to popular music, 277
Science institutions, in South Africa, 269
Scientific productivity, 291
Seidell, Atherton, 424
Semantic searching, 226
Simon-Yule model, 45
South Africa, academic science institutions in, 269

Text processing, problems in, 398
Thesaurus, ranking documents with, 304
Trade-off, recall precision, origin of, 145
Type-token identity, 45

Video, home, 17
Vocabulary search, 272

Waring distribution, 291

Zipf's law, 45